

DNA Technology AIS

DNA Technology AIS
Forskerparkensvej 10 A
Gustav Wieds Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no.: DK-66 11 9835
E-Mail: Oligo@DNAtechnology.dk

EXHIBIT 2



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Oligo type: ScanPrimer

Oligo name: Fal di-1R2

Reference:

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CCT	CTC	GAG	GCA	CAG	CGG	GGA	GGT	GTA	GAT	T			
														3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5' DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes:

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 31

Concentration, A260 1.2

Conc, pmol pr. µl 41

Conc. mg pr. ml 0.4

OD units 1.2

App. Mol. Weight, gram pr. mol 9617.05

Yield in mg 0.0396

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Parkvejparken Science Park Aarhus
Gustav Wieds Vej 18 A
DK-8000 Aarhus C - Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no.: DK-66 11 93 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

181

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

225895

48208-5/12

Oligo type: ScanPrimer

Oligo name: Fel d1-2F1

Reference:

Sequence

Oligo Scale ScanPrimer

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GTT	AAA	ATG	GCT	GAA	ACC	TGC	CCG	A			
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5' DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 34

Concentration, A260	20,8
Conc. pmol per µl	66
Conc. mg per ml	0,7

OD units	2,08
App. Mol. Weight, gram per mol	10475,05
Yield in mg	0,0686

STORE AT minus 20°C

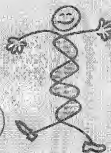
SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Forskertparken Science Park Aarhus
Gustav Wieds Vej 10 A
DK 8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no.: DK-66 11 98 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

132

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207854

42961-6/9

Customer no.: 4001787

PhD Omid Rasooli

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 6

Reference:

Rtd1 chan1 primer 1

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GAA	ATC	TGC	CCG	GCT	GTT	AAA	CGT	GAC	GTT	GAC	CTG
	TTC	CTG	ACC	GGT	ACC	CCG	GAG	GAA	TAC	GTT	GAA	CAG	GTT	G	

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 85

Concentration, A260: 3.2

Conc. pmol pr. µl: 4.0

Conc. mg pr. ml: 1.1

OD units: 6.4

App. Mol. Weight, gram pr. mol: 26297

Yield in mg: 0.21

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Forskerpark/Science Park Aarhus
Gustav Wieds Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 87 32 30 80
Fax: +45 87 32 20 11
Vat no.: DK-66 11 98 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

133

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207857

42981-7/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 7

Reference:

fel d1 chain 1 primer 2

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GGC	AGA	GCT	TTG	TAC	TGA	GCA	ACC	TGT	TCA	ACG	TAT	TCG	TCC	GGG
	TGA	GCA	ACC	TGT	TCA	ACG	TAT	TC							

3

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 88

Concentration, A260 92

Conc. pmol pr. µl 145

Conc. mg pr. ml 3

OD units 18,4

App. Mol. Weight, gram pr. mol 20991

Yield in mg 0,61

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Forskerparken, Science Park Aarhus
Gustav Wieds Vej 30 A
DK 8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no: DK-65 71 93 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

(P4)

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207858

42961-8/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 8

Reference:

Fel d1, chain 1 primer 3

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	TGC	TCA	GTA	CAA	AGC	TCT	GCC	GGT	TCT	TCT	GGA	AAA	CGC	TCG	TAT
	CCT	GAA	AAA	CTG	CGT	TGA	CGC	TAA	AAT	GAC	C				

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260 122

Conc. pmol/µl 172

Conc. mg pr. ml 4

OD units 24,4

App. Mol. Weight, gram pr. mol 23448

Yield in mg 0,81

STORE AT minus 20°C

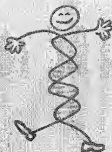
SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology AIS

DNA Technology AIS
Røstergårdsvej 12A
DK-6000 Århus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no.: DK-55 17 89 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

135

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207859

42961-9/9

Customer no.: 4001787

PhD Omid Rasooli

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 9

Reference:

Sequence

fold 1 chain 1 primer 4

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CCT	CTC	GAG	GCA	CAG	CGG	GGA	GGT	GTA	GAT	TTT	GTC	CAG	CAG	GGA
	CAG	AGC	GTT	TTC	TTT	GTC	TTC	GGT	CAT	TTT	AGC	GTC	AAC	GC	
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 89

Concentration, A260 8.5

Conc. pmol pr. µl 10.2

Conc. mg pr. ml 2.8

OD units 1.7

App. Mol. Weight, gram pr. mol 27543

Yield in mg 0.58

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only.

DNA Technology A/S

DNA Technology A/S
Forkeruparken/Science Park Aarhus
Gustav Wands Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Voi No: DK-68 11 88 15
E-mail: Oligo@DNA-Technology.dk

127



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207838

42961-1/9

Customer no.: 4001787

PhD Omid Rasooli

Oligo type: DNA Oligo

Oligo name: Primer 1

Reference:

Sequence

Oligo Scale 40 nmol

tel d1 chain 2 primer 1

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GTT	AAA	ATG	GCT	GAA	ACC	TGC	CCG	ATC	TTC	TAC	GAC
	GTT	TTC	TTC	GCT	GTT	GCT	AAC	GGT	AAC	GAA	C				
															3'

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260 10.9

Conc. pmol pr. µl 15.4

Conc. mg pr. ml 3.6

OD units 21.8

App. Mol. Weight, gram pr. mol 23420

Yield in mg 0.72

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology AIS

DNA Technology AIS
Forskerparken/Science Park Aarhus
Gustav Wieds Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no: DK-56 11 58 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot

Standard

207842

42961-2/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 2

Reference:

Fold1 chain 2 primer 2

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GGT	ACG	TTC	CGG	TTC	GGT	AGC	GTT	AAC	TTT	GGT	CAG	GGA	CAG	GTC
	CAG	CAG	CAG	TTC	GTT	ACC	GTT	AGC	AAC	AGC					
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 75

Concentration, A260 14.3

Conc. pmol pr. µl 203

Conc. mg pr. ml 4.7

OD units 28.6

App. Mol. Weight/gram pr. mol 23256

Yield in mg 0.94

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Folkeparkens Science Park Aarhus
Gustav Munchs Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 89 32 30 00
Fax: +45 89 32 30 15
Vat no.: DK-65 17 98 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207844

42961-3/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo name: Primer 3

Reference:

Sequence

Fetd1 chain 2 primer 3

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CTA	CCG	AAC	CGG	AAC	GTA	CCG	CTA	TGA	AAA	AAA	TCC	AGG	ACT	GCT
	ACG	TTG	AAA	ACG	GTC	TGA	TCT	CCC	GTG	TTC	TGG	AC			

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 80

Concentration, A260	5.3
Conc. pmol pr. µl	7.1
Conc. mg pr. ml	1.7

OD units	10.6
App. Mol. Weight, gram pr. mol	24663
Yield in mg	0.35

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Toldbodgade 10, 8000 Aarhus C, Denmark
Gustav Wieds Vej 10 A
DK-8000 Aarhus C, Denmark

Phone +45 87 32 39 00
Fax +45 87 32 30 11
Vat no.: DK-66 11 56 15
E-Mail: Oligo@DNA-Technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207847

42961-4/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 4

Reference:

Feb dd chain 2 primer 4

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GCT	TCA	CCC	ATG	CAG	TCT	TTG	GAG	GAG	GAG	ATG	GTG	GTC	ATA	ACC
	AGA	CCG	TCC	AGA	ACA	CGG	GAG	ATC	AG						

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 71

Concentration, A260 67

Conc. pmol pr. µl 100

Conc. mg pr. ml 2,2

OD Units 13,4

App. Mol. Weight, gram pr. mol 22065

Yield in mg 0,44

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

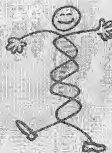
For research use only

DNA Technology A/S

DNA Technology A/S
Forskerparken Science Park Aarhus
Gustav Wieds Vej 10 A
DK-8000 Aarhus C - Denmark

Phone +45 87 32 30 00
Fax +45 87 32 30 11
Vat no. DK-55 11 38 15
E-Mail: Oligo@DNA-Technology.dk

(B1)



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207850

42961-5/9

Customer no.: 4001787

PhD Omid Rasooli

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 5

Reference:

Sequence

Fel d1 chain 2 primer 5

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CAA	AGA	CTG	CAT	GGG	TGA	AGC	TGT	TCA	GAA	CAC	CGT	TGA	AGA	CCT
	GAA	ACT	GAA	CAC	CCT	GGG	TCG	CTC	GAG	AGG					
															3'

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 75

Concentration, A260	9.6
Conc. pmol pr. µl	13.6
Conc. mg pr. ml	3.2

OD units	19.2
App. Mol. Weight, gram pr. mol	23294
Yield in mg	0.63

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Var. no.: DK-66 11 98 15
E-Mail: Oligo@DNA-Technology.dk

Datasheet

Standard
208556
43184-1/1

Offgo	Scale	ScanPrimer
-------	-------	------------

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' CCT CTC GAG ACG ACC CAG G

Labeling:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Column-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O

Approximation: 1 OD = 33 μ g

Oligonucleotide is dissolved in 100 μ l ddH₂O.

Concentration, A260	15.2
Conc. pmol pr. μ l	86
Conc. mg pr. ml	0.5

OD units	1,5
App. Mol. Weight, gram pr. mol	5820
Yield in mg	0,05

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only

DNA Technology A/S

DNA Technology A/S
Forskerparken Science Park Aarhus
Gustav Wieds Vej 10 A
DK-8000 Aarhus C, Denmark

Phone: +45 87 32 30 00
Fax: +45 87 32 30 11
Vat no.: DK-6511 98 15
E-Mail: fd.igb@DNA-technology.dk



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no. _____

Shipping date: _____

Delivery: _____

Oligo no. _____

Order ID/Lot. _____

Standard

225900

48208-10/12

Customer no.: 4001787
PhD Omid Rasooli

Oligo type: ScanPrimer

Oligo name: Fd 2(2+1)

Reference:

Sequence

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' CGT TTA ACA GCC GGG CAG ATT TCA CGA CCG AGG GTG TTC AGT TTC

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Column-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 45

Concentration, A260	2.8
Conc. pmol/µl	6.7
Obt. mg/µl	0.9

OD units	2.8
App. Mol. Weight, gram/mol	13828.05
Yield in mg	0.0924

STORE AT minus 20°C

SPIN VIAL BRIEFLY BEFORE OPENING

For research use only